

FIGURE 3

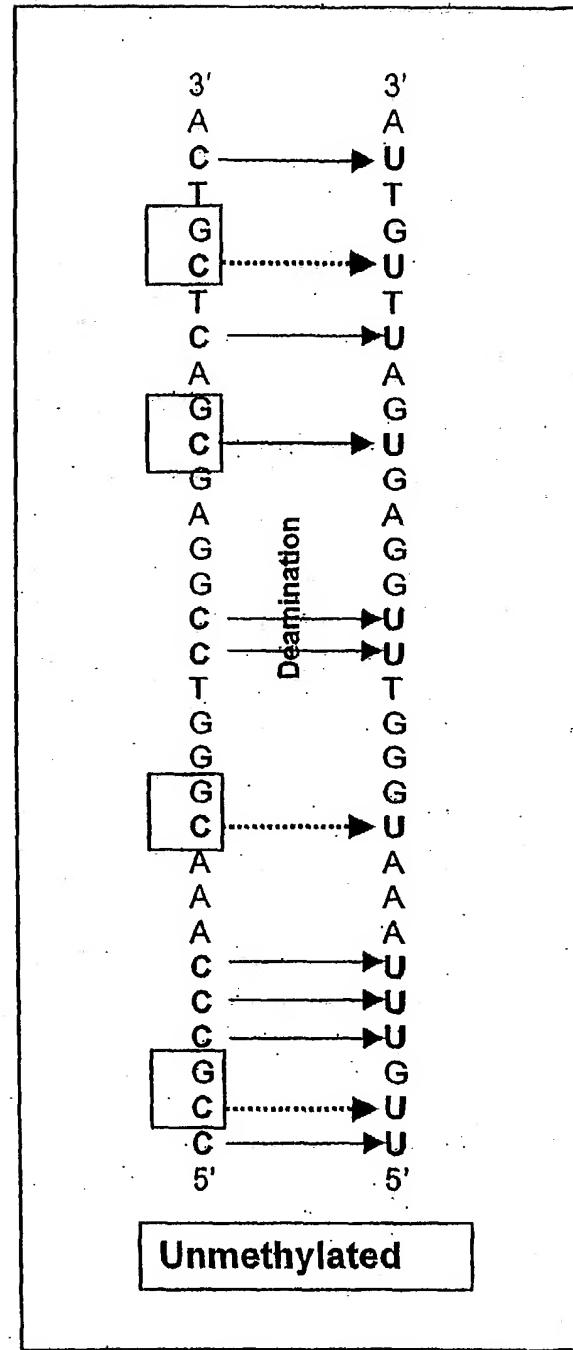
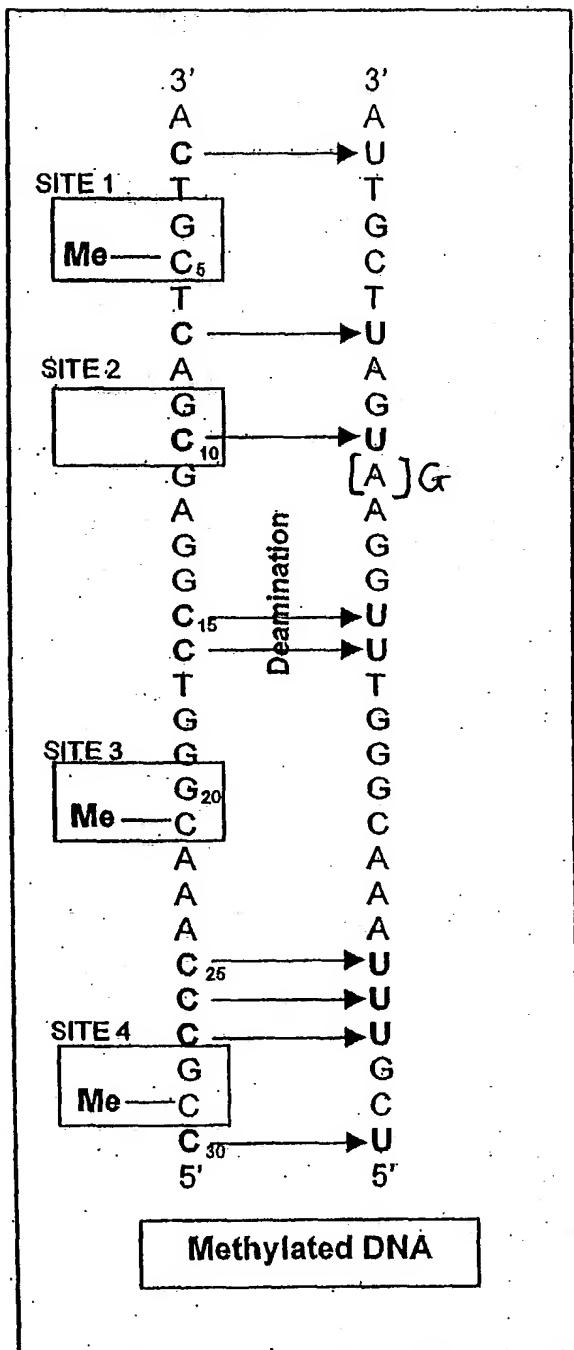
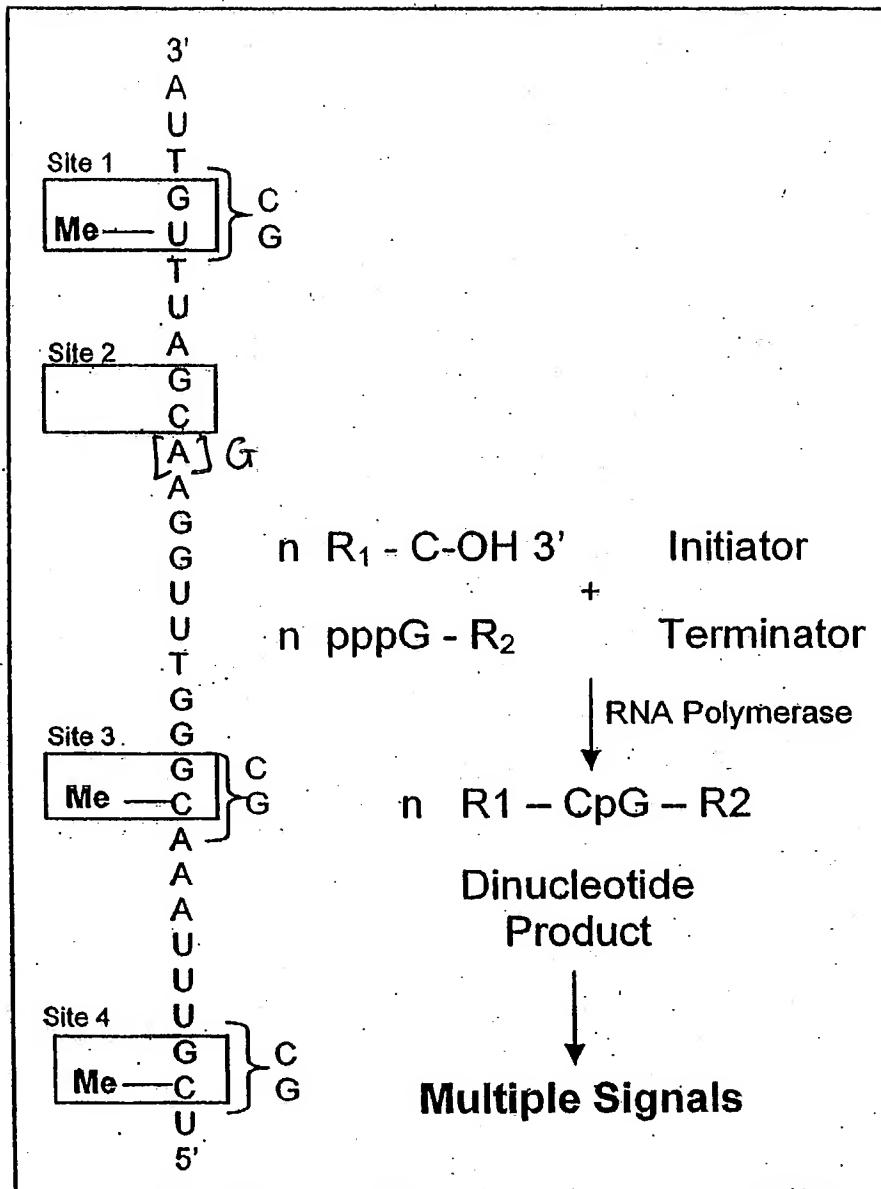
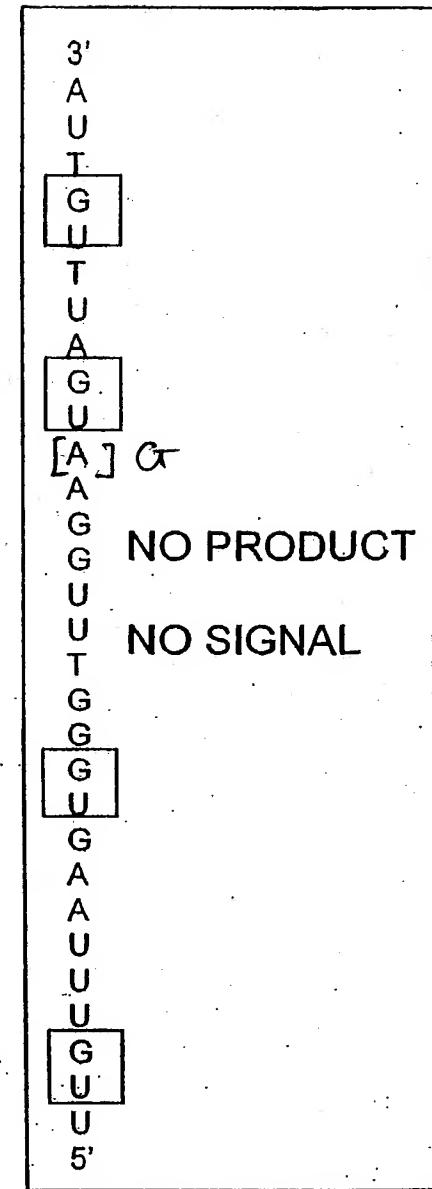


FIGURE 13



Deaminated Methylated DNA



Deaminated
Unmethylated
DNA

FIGURE 14

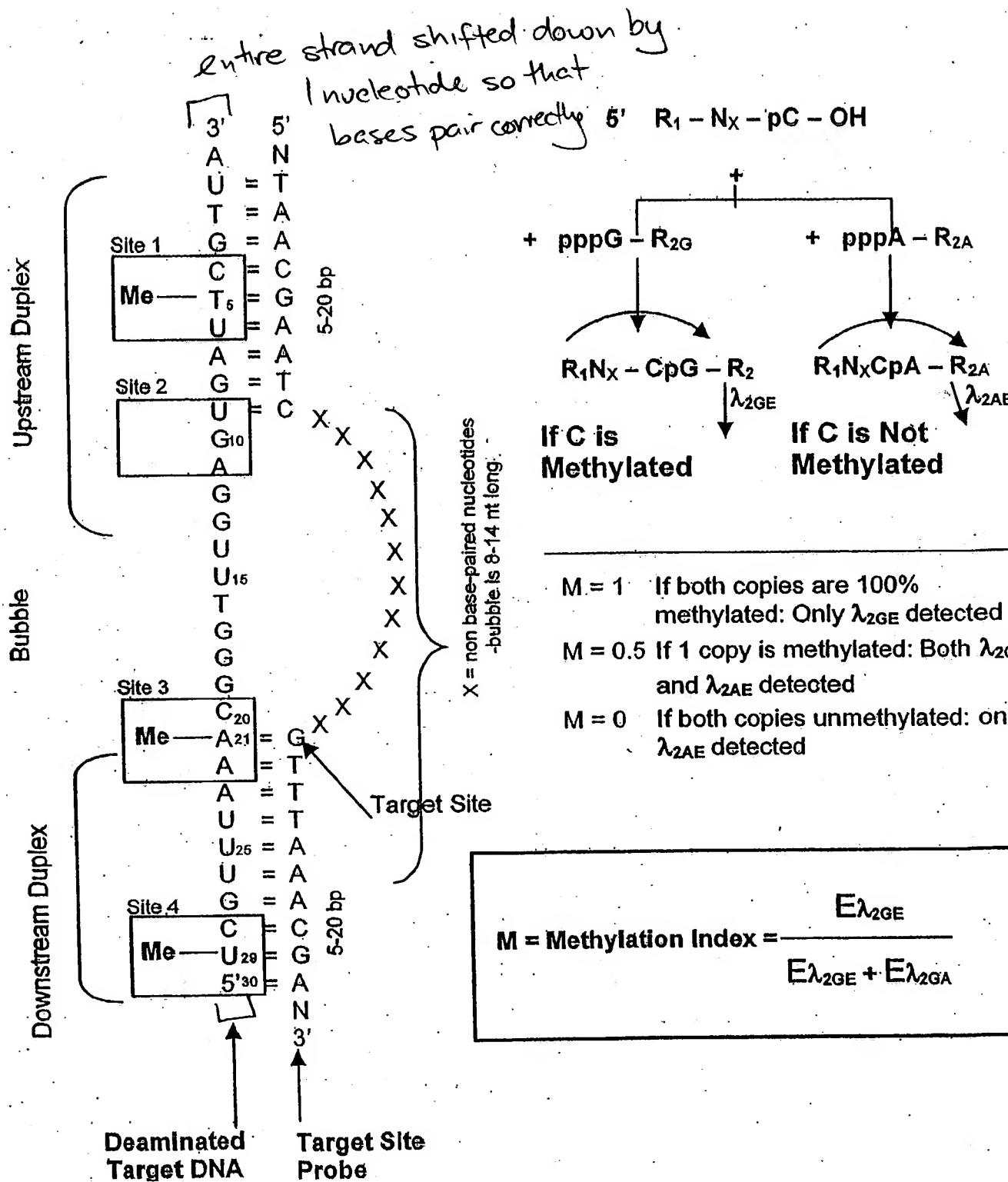


FIGURE 15

ATTATCCAGT
AGGCAGATTAAGCATGTGCTTAAGGCATCAGCAAAGTCTGAGCAATCCATTTTAAACGTAGTACATGTTT
TGATAAGCTAAAAAGTAGTAGTCACAGGAAAAATTAGAACCTTACCTCCTGCGCTGTTACTCTTAGT
GCTGTTAACCTTCTTGTAAAGTGAGGGTGGAGGGTGCCATAATCTTCAAGGGAGTAAGTCTCTT
GGTCTT
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GTAGCTGGGATTACAGGCATGCGCCACCAAGCCCCGTAATTGTATTTAGTAGAGACAGGGTTCGC
CATGTTGGTCAGGCTTGTCTGAACTCCTGGCCTCAGGTGATCCGCTGTCTGGCCTCCCAGAATGCTGG
GATTATAGACGTGAGCCACCGCATCCGGACTTCTTTATGTAATAGTATAATTCTATCCAAAGCATT
TTTTTTGAGTCGGAGTCTCATTCTGTCAACCAGGCTGGAGGGTGGCGCGATCTGGCTTACTGCAA
CCTCTGCCTCCGGGTTCAAGCGATTCTCCTGCCTCAGCCTCTGAGTAGCTGGAATTACACACGTGCGCCA
CCATGGCCAGCTAATTGTATTTAGTAGAGACGGGGTGTCAACCATTGGCCAAGCTGGCCTCGAACTC
CTGACCTCAGGTGATCTGCCGCTCGGCTCCCAAAGTGCTGGATTACAGGTGTGAGCCACCGCGTCCT
GCTCCAAGCATTCTTCTTCTATGCCTAAAACAAGATTGCAAGCCAGTCCTCAAAGCGGATAATTCAAGAGC
TAACAGGTATTAGCTTAGGATGTGGCACTGTTCTAAGGCTTATATGATTAATACATCATTAAACTCACA
ACAACCCCTATAAAGCAGGGGGCACTCATATTCCCTCCCCCTTATAATTACGAAAATGCAAGGTATTT
AGTAGGAAAAGAGAAAATGTGAGAAGTGTGAAGGAGACAGGACAGTATTGAAGCTGGCTTTGGATCACTGTG
CAAECTGCTCTAGAACACTGAGCACTTTCTGGCTAGGAATTGACTTTGAGAATGGAGTCCGTCCTT
CCAATGACTCCCTCCCCATTTCATCTGCCTACAGGCAGAATTCTCCCCCGTCCGTATTAATAACCTCA
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CAGGTGATTGATTCTCGGTGGGCTCTCACAACTAGGAAAGAATAGTTGCTTTCTTATGATTAAGA
AGAAGCCATACTTCCCTATGACACCAAACACCCCGATTCAATTGGCAGTTAGGAAGGTTGATCGCGGAG
GAAGGAAACGGGGCGGGGGCGGATTCTTTAACAGAGTGAACGCACTCAAACACGCCTTGCTGGCAGG
CGGGGGAGCGCGGCTGGAGCAGGGAGGGCGAGGGAGGGCGTGGTGGGAGACAGGTGGGAGGGAGCCAGT
CCTCCTTCTTGCACGCTGGCTCTGGCGAGGGCTGCTCCGGCTGGTGGGAGACAGGTGGGAGACCCAAACC
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ACGGCGTCCCCCTTGCCTGGAAAGAACCGCGGTCCAGAGGATTGAGGGACAGGGTGGGAGGGG
TCTTCCGCCAGCACCGGAGGAAGAAAGAGGGAGGGCTGGCTGGTCAACAGAGGGTGGGAGCCCGT
GCGCTCGGCGGCTCGGGAGAGGGAGAGCAGGAGCGAGGGAGGGAGCAGCATGGAGCCGGCG
GGGGAGCAGCATGGAGCCCTCGGCTGACTGGCTGGCCACGGCCAGGGCGGGGGAGCAGGTGGGAGACCC
GCGGGCGCTGTTGAGGGGGCGCTGCCAACGGCACCGAATAGTTACGGTGGAGGGAGCAGGTGGGAG
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GGAATCAGGTAGCGCTTCGATTCTCGAAAAGGGGAGGCTTCTGGGAGTTTCAGAAGGGTTGTA
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GATTTAAAAGTAATTAATACATGGGTAACCTAGCATCTAAATTGCAACAGCTGAAACCCGGGAGTTG
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Figure [30]

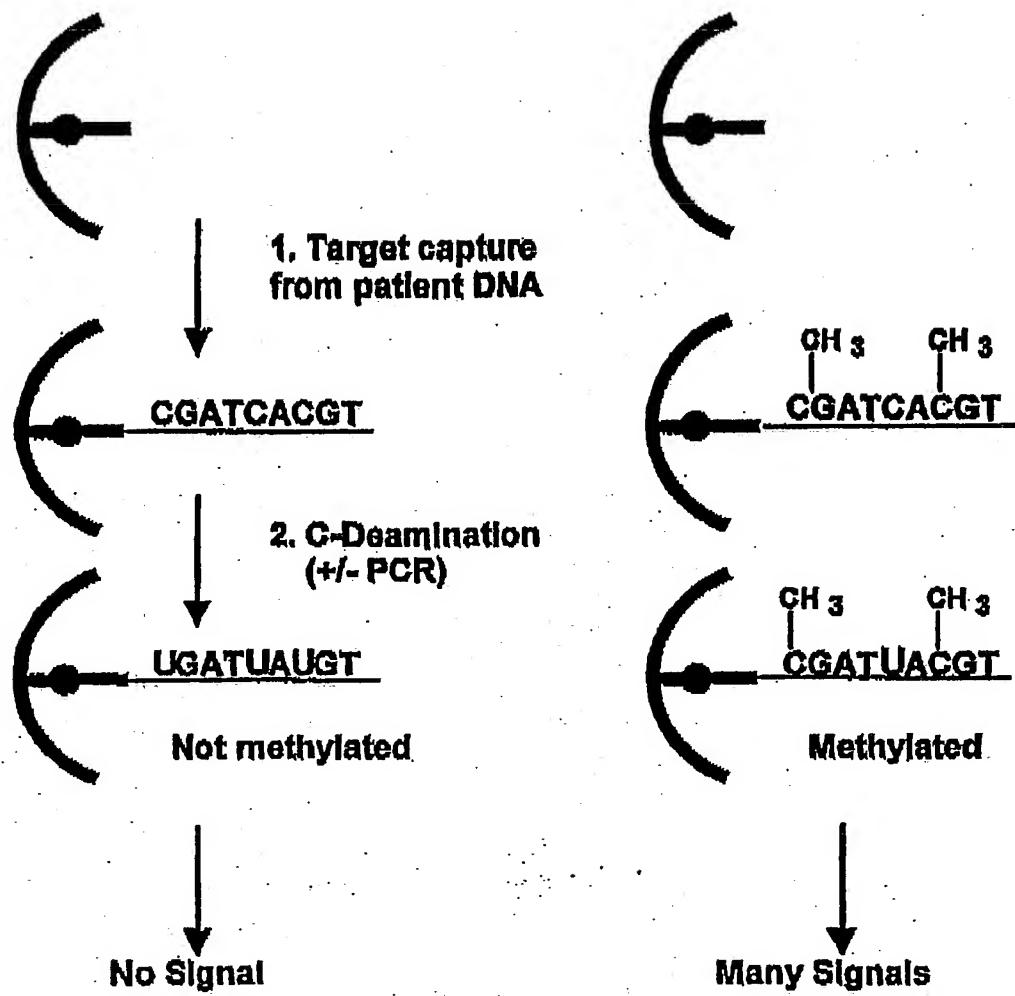


FIGURE [31]